

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|-------|------------------|---------|------------------|
| L1    | 773   | 725/37-42.ccls.  | USPAT | OR               | OFF     | 2006/09/29 14:06 |
| L2    | 355   | 348/565.ccls.  | USPAT | OR               | OFF     | 2006/09/29 14:06 |
| L3    | 2     | "5,815,145".pn. "6212680".pn.  | USPAT | OR               | OFF     | 2006/09/29 14:06 |
| S1    | 12545 | alexander.inv.   | USPAT | OR               | OFF     | 2003/06/02 15:22 |
| S2    | 3     | alexander.inv. and epg   | USPAT | OR               | OFF     | 2003/06/02 16:30 |
| S3    | 0     | alexander.inv. and (multiple or dual or two or several or plural\$3) adj tuners                              | USPAT | OR               | OFF     | 2003/06/02 15:42 |
| S4    | 1     | alexander.inv. and (multiple or dual or two or several or plural\$3) near5 tuners                            | USPAT | OR               | OFF     | 2003/06/10 13:53 |
| S5    | 40    | (ipg or epg or "program guide") and (multiple or dual or two or several or plural\$3) near5 tuners           | USPAT | OR               | OFF     | 2003/06/10 14:12 |
| S6    | 8     | (ipg or epg or "program guide") same (multiple or dual or two or several or plural\$3) near5 tuners          | USPAT | OR               | OFF     | 2003/06/02 15:50 |
| S7    | 96    | lajoie.inv.  | USPAT | OR               | OFF     | 2003/06/02 16:30 |
| S8    | 0     | lajoie.inv. and epg  | USPAT | OR               | OFF     | 2003/06/02 16:31 |
| S9    | 2     | lajoie.inv. and "program guide"  | USPAT | OR               | OFF     | 2003/06/02 16:32 |
| S10   | 0     | florin.inv. and "program guide"  | USPAT | OR               | OFF     | 2003/06/02 16:32 |
| S11   | 0     | florin.inv. and epg  | USPAT | OR               | OFF     | 2003/06/02 16:32 |
| S12   | 0     | florin.inv. and ipg  | USPAT | OR               | OFF     | 2003/06/02 16:32 |
| S13   | 179   | florin.inv.  | USPAT | OR               | OFF     | 2003/06/02 16:33 |
| S14   | 3     | florin.inv. and "725"/\$.ccls.   | USPAT | OR               | OFF     | 2003/06/02 16:34 |
| S15   | 450   | 725/37-42.ccls.  | USPAT | OR               | OFF     | 2006/03/06 14:43 |
| S16   | 20    | (ipg or epg or "program guide") same vbi same tuner\$1   | USPAT | OR               | OFF     | 2003/06/10 14:42 |
| S17   | 0     | (ipg or epg or "program guide") same vbi same tuners   | USPAT | OR               | OFF     | 2003/06/10 14:14 |
| S18   | 320   | (ipg or epg or "program guide") same (security or code or "security code" or parental or lockout or prevent) | USPAT | OR               | OFF     | 2003/06/10 15:31 |
| S19   | 27    | (ipg or epg or "program guide") same default same mode   | USPAT | OR               | OFF     | 2003/06/10 15:12 |
| S20   | 18    | (ipg or epg or "program guide") same default same mode near5 display   | USPAT | OR               | OFF     | 2003/06/10 15:13 |

## EAST Search History

|     |     |   |       |    |     |                  |
|-----|-----|---|-------|----|-----|------------------|
| S21 | 18  | (ipg or epg or "program guide") same (default or prefer\$7) same mode near5 display                             | USPAT | OR | OFF | 2003/06/10 15:15 |
| S22 | 2   | (ipg or epg or "program guide") same prefer\$7 same mode near5 display  | USPAT | OR | OFF | 2003/06/10 15:16 |
| S23 | 28  | (ipg or epg or "program guide") same prefer\$7 near5 display  | USPAT | OR | OFF | 2003/06/10 15:16 |
| S24 | 154 | (ipg or epg or "program guide") same (security or "security code" or parental or lockout or prevent)            | USPAT | OR | OFF | 2003/06/10 15:33 |
| S25 | 75  | (ipg or epg or "program guide") same (security or "security code" or parental or lockout)                       | USPAT | OR | OFF | 2003/06/10 15:33 |
| S26 | 1   | alexander.inv. and (multiple or dual or two or several or plural\$3) near5 tuners                               | USPAT | OR | OFF | 2004/01/14 14:41 |
| S27 | 115 | "725"/\$.ccls. and (multiple or dual or two or several or plural\$3) near5 tuners                               | USPAT | OR | OFF | 2004/01/14 14:41 |
| S28 | 80  | "725"/\$.ccls. and (multiple or dual or two or several or plural\$3) adj tuners                                 | USPAT | OR | OFF | 2004/01/14 15:11 |
| S29 | 517 | perlman.inv.  | USPAT | OR | OFF | 2004/01/14 14:42 |
| S30 | 3   | perlman.inv. and (epg ipg program adj guide) and tuner\$1   | USPAT | OR | OFF | 2004/01/14 14:42 |
| S31 | 7   | perlman.inv. and (epg ipg program adj guide)  | USPAT | OR | OFF | 2004/01/14 14:45 |
| S32 | 204 | paul\$6.inv. and (pip "picture in picture")   | USPAT | OR | OFF | 2004/01/14 14:46 |
| S33 | 1   | pauli\$6.inv. and (pip "picture in picture")  | USPAT | OR | OFF | 2004/01/14 14:47 |
| S34 | 22  | poli\$6.inv. and (pip "picture in picture")   | USPAT | OR | OFF | 2004/01/14 14:48 |
| S35 | 0   | polyi\$6.inv. and (pip "picture in picture")  | USPAT | OR | OFF | 2004/01/14 14:48 |
| S36 | 0   | poly\$6.inv. and (pip "picture in picture")   | USPAT | OR | OFF | 2004/01/14 14:49 |
| S37 | 24  | pol\$6.inv. and (pip "picture in picture")  | USPAT | OR | OFF | 2004/01/14 14:50 |
| S38 | 6   | "725"/\$.ccls. and (multiple or dual or two or several or plural\$3) adj tuners same (pip "picture in picture") | USPAT | OR | OFF | 2004/01/14 15:12 |

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|     |     |   |       |    |     |                  |
|-----|-----|---|-------|----|-----|------------------|
| S39 | 86  | 348/564-565.ccls. and (epg ipg program adj guide)   | USPAT | OR | OFF | 2004/01/20 14:59 |
| S40 | 66  | 348/564.ccls. and (epg ipg program adj guide)   | USPAT | OR | OFF | 2004/01/20 14:55 |
| S41 | 400 | 348/564.ccls.   | USPAT | OR | OFF | 2004/01/20 14:55 |
| S42 | 76  | 348/564-565.ccls. and (epg ipg program adj guide) same (window display\$3)                      | USPAT | OR | OFF | 2004/01/20 14:59 |
| S43 | 76  | 348/564-565.ccls. and (epg ipg program adj guide) same (window\$1 display\$3)                   | USPAT | OR | OFF | 2004/01/22 14:02 |
| S44 | 15  | 348/564-565.ccls. and (epg ipg program adj guide) same (pip "picture in picture")               | USPAT | OR | OFF | 2004/06/16 13:28 |
| S45 | 32  | (epg ipg program adj guide) same (pip "picture in picture")                                     | USPAT | OR | OFF | 2004/01/20 15:29 |
| S46 | 1   | (epg ipg program adj guide) same (window\$1 pip "picture in picture") same (ticker\$1 crawl\$3) | USPAT | OR | OFF | 2004/01/20 15:31 |
| S47 | 14  | (epg ipg program adj guide) same (window\$1 pip "picture in picture") and (ticker\$1 crawl\$3)  | USPAT | OR | OFF | 2004/01/20 15:31 |
| S48 | 57  | 348/563.ccls. and (epg ipg program adj guide) same (window\$1 display\$3)                       | USPAT | OR | OFF | 2004/01/22 14:21 |
| S49 | 304 | 348/565.ccls.   | USPAT | OR | OFF | 2006/03/06 14:44 |
| S50 | 78  | 348/565.ccls. and overl\$6  | USPAT | OR | OFF | 2004/01/22 14:22 |
| S51 | 21  | 348/565.ccls. and overl\$6 with pip\$1  | USPAT | OR | OFF | 2004/01/22 14:29 |
| S52 | 23  | 348/563-565.ccls. and multiple with pip\$1  | USPAT | OR | OFF | 2004/01/22 14:29 |
| S53 | 496 | 725/37-42.ccls.   | USPAT | OR | OFF | 2005/02/10 16:42 |
| S54 | 15  | 348/564-565.ccls. and (epg ipg program adj guide) same (pip "picture in picture")               | USPAT | OR | OFF | 2004/06/16 13:29 |
| S55 | 31  | 348/564-565.ccls. and (epg ipg program adj guide) same window\$1                                | USPAT | OR | OFF | 2004/06/16 14:41 |
| S56 | 28  | intel same intercast  | USPAT | OR | OFF | 2004/06/16 14:41 |
| S57 | 0   | intel same intercast same display\$4 same url   | USPAT | OR | OFF | 2004/06/16 14:42 |
| S58 | 8   | vbi same display\$4 same url  | USPAT | OR | OFF | 2004/06/16 14:44 |
| S59 | 6   | vbi same display\$4 same url and (ad ads advertis\$9 commerical\$1)                             | USPAT | OR | OFF | 2004/06/16 14:55 |

## EAST Search History

|     |     |  |       |    |     |                  |
|-----|-----|--|-------|----|-----|------------------|
| S60 | 1   | "5815145".pn. and "68"   | USPAT | OR | OFF | 2004/06/16 16:18 |
| S61 | 1   | "5815145".pn. and analog and digital                                   | USPAT | OR | OFF | 2004/06/16 16:22 |
| S62 | 1   | "5815145".pn. and 62c  | USPAT | OR | OFF | 2004/06/16 16:23 |
| S63 | 1   | "5815145".pn. and 62c and baseband                                     | USPAT | OR | OFF | 2004/06/17 09:54 |
| S64 | 1   | "5828420".pn.  | USPAT | OR | OFF | 2004/06/17 09:54 |
| S65 | 537 | 725/37-42.ccls.  | USPAT | OR | OFF | 2004/06/17 09:59 |
| S66 | 2   | (ipg or epg or "program guide") same prefer\$7 same mode near5 display | USPAT | OR | OFF | 2003/06/10 15:15 |
| S69 | 1   | "5,900,916".pn.  | USPAT | OR | OFF | 2005/02/08 14:16 |
| S70 | 1   | "6,590,618".pn.  | USPAT | OR | OFF | 2005/02/08 14:17 |
| S71 | 1   | "6,243,145".pn.  | USPAT | OR | OFF | 2005/02/08 14:27 |
| S72 | 1   | "5,815,145".pn.  | USPAT | OR | OFF | 2005/02/08 14:27 |
| S73 | 1   | "5815145".pn. and guide and "62"                                       | USPAT | OR | OFF | 2005/02/09 14:03 |
| S74 | 1   | "5815145".pn. and guide and "62"\$1                                    | USPAT | OR | OFF | 2005/02/09 14:21 |
| S75 | 1   | "5815145".pn. and select\$4  | USPAT | OR | OFF | 2005/02/09 14:46 |
| S76 | 1   | "5815145".pn. and future   | USPAT | OR | OFF | 2005/02/09 16:02 |
| S77 | 1   | "4,809,069" .pn.   | USPAT | OR | OFF | 2005/02/09 16:02 |
| S78 | 0   | "5815145".pn. and buffer\$1  | USPAT | OR | OFF | 2005/02/10 14:44 |
| S79 | 1   | "5815145".pn. and memor\$3   | USPAT | OR | OFF | 2005/02/10 15:17 |
| S80 | 10  | "725"/\$.ccls. and vbi same tuner same epg                             | USPAT | OR | OFF | 2005/02/10 15:19 |
| S81 | 6   | "725"/\$.ccls. and vbi with decoder same epg                           | USPAT | OR | OFF | 2005/02/10 15:24 |
| S82 | 39  | "725"/\$.ccls. and (epg ipg "program guide") near3 tuner               | USPAT | OR | OFF | 2006/03/06 13:40 |
| S83 | 1   | "725"/\$.ccls. and alexander.inv. and epg and data                     | USPAT | OR | OFF | 2005/02/10 15:42 |
| S84 | 598 | 725/37-42.ccls.  | USPAT | OR | OFF | 2005/02/10 16:42 |
| S85 | 322 | 348/565.ccls.  | USPAT | OR | OFF | 2005/02/11 12:36 |
| S86 | 1   | ballantyne.inv. and uin  | USPAT | OR | OFF | 2005/02/11 12:37 |
| S87 | 3   | "5,815,145".pn. "4,809,069".pn. "6,177,931".pn.                        | USPAT | OR | OFF | 2006/03/06 13:36 |
| S88 | 3   | "5,815,145".pn. "4,809,069".pn. "6,177,931".pn.                        | USPAT | OR | OFF | 2006/09/29 14:06 |
| S89 | 1   | "6405372".pn.  | USPAT | OR | OFF | 2006/03/06 13:51 |
| S90 | 1   | "6374404".pn.  | USPAT | OR | OFF | 2006/03/06 13:43 |

## EAST Search History

|     |     |   |       |    |     |                  |
|-----|-----|---|-------|----|-----|------------------|
| S91 | 1   | "5926207".pn.   | USPAT | OR | OFF | 2006/03/06 13:43 |
| S92 | 27  | "725"/\$.ccls. and second with<br>tuner\$ with (ipg epg "program<br>guide") | USPAT | OR | OFF | 2006/03/06 13:51 |
| S94 | 688 | 725/37-42.ccls.   | USPAT | OR | OFF | 2006/09/29 14:06 |
| S95 | 341 | 348/565.ccls.   | USPAT | OR | OFF | 2006/09/29 14:06 |